

IN THE UNITED STATES DISTRICT COURT  
FOR THE SOUTHERN DISTRICT OF WEST VIRGINIA  
CHARLESTON

IN THE MATTER OF THE SEARCH OF:

Content of files submitted                      CASE NO. 2:24-mj-00108  
in connection with CyberTipline  
Report #194182286, currently in  
the custody of Homeland  
Security Investigations, and  
more fully described in  
Attachment A.

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AFFIDAVIT

Your Affiant, Terrance L. Taylor, having been duly sworn, does hereby depose and state that the following is true to the best of my information, knowledge, and belief:

**I.    INTRODUCTION**

1.    I am a Special Agent with the United States Department of Homeland Security, Homeland Security Investigations ("HSI"). I have been so employed since March 2012. I am currently assigned to the Office of the Resident Agent in Charge, HSI Charleston, West Virginia. During my career, I gained experience in conducting investigations involving computers and the procedures that are necessary to retrieve, collect, and preserve electronic evidence. Through my training and experience, including on-the-job discussions with other law enforcement agents and cooperating suspects, I am familiar with the operational techniques and

organizational structure of child pornography distribution networks as well as the traits and characteristics of child pornography collectors and possessors and their use of computers or other electronic and media devices to facilitate the collection, possession, trading, distribution, access and receipt of child pornographic materials.

2. I am a Special Agent with twenty-one years of federal law enforcement experience. Prior to my employment with HSI, I was a Police Officer for two years in Huntington, West Virginia, a Special Agent with the United States Department of State-Bureau of Diplomatic Security for six years, a Special Agent with the Naval Criminal Investigative Service for two years, and a Special Agent with the United States Department of State-Office of Inspector General for two years. I am a graduate of three federal law enforcement academies at the Federal Law Enforcement Training Center and a graduate of the West Virginia State Police Academy. I graduated from the Criminal Investigator Training Program in 2002, and the Immigration and Customs Enforcement Special Agent Training Program in 2012. As part of these programs, I received extensive training in the areas of law within the jurisdiction of HSI. These areas include laws and regulations pertaining to the importation of various types of merchandise and contraband, prohibited items, money laundering, and

various immigration violations. I have more specifically received training in the areas of child pornography and the sexual exploitation and abuse of children. This training includes specialized instruction on how to conduct criminal investigations related to violations of child protection laws pursuant to 18 U.S.C. §§ 2251, 2252, 2252A, and 2256.

3. I make this Affidavit in support of an application under Rule 41 of the Federal Rules of Criminal Procedure for a search warrant authorizing the examination of property-file(s) submitted in connection with CyberTipline Report #194182286 ("the CyberTip"), which is currently in the possession of law enforcement. The files submitted in connection with the CyberTip (more fully described in Attachment A), and the data located therein, there being probable cause to believe that located in the place described in Attachment A are items described in Attachment B, being evidence, fruits, and instrumentalities of violations of 18 U.S.C. § 2252A(a)(1), transportation of child pornography in interstate commerce 2252A(a)(2); 18 U.S.C. § 2252A(a)(1), receipt and distribution of child pornography in interstate commerce by computer; and 18 U.S.C. § 2252A(a)(5)(B), possession of child pornography.

4. Because this Affidavit is being submitted for the limited purpose of securing a search warrant, I have not

included each and every fact known to me concerning this investigation. I have set forth facts that I believe are necessary to establish probable cause to believe that evidence, fruits, and instrumentalities of violations of 18 U.S.C. § 2252A(a)(2), receipt and distribution of child pornography in interstate commerce by computer; 18 U.S.C. § 2252A(a)(1), transportation of child pornography in interstate commerce; and 18 U.S.C. § 2252A(a)(5)(B), possession of child pornography; and are located in the place described in Attachment A.

5. The information contained within the Affidavit is based on my training and experience, as well as information imparted to me by other law enforcement officers involved in this investigation.

## **II. RELEVANT STATUTES**

6. The investigation concerns potential violations of 18 U.S.C. §§ 2252A(a)(1), (2), and (5)(B), relating to matters involving the sexual exploitation of minors.

- a. 18 U.S.C. 2252A (a)(1) prohibits any person from knowingly mailing, transporting, or shipping child pornography in interstate or foreign commerce by any means, including by computer.
- b. 18 U.S.C. § 2252A(a)(2) prohibits any person from knowingly receiving or distributing any child

pornography that has been mailed, shipped, or transported in interstate or foreign commerce by any means, including by computer.

- c. 18 U.S.C § 2252A(a) (5) (B) prohibits any person from knowingly possessing any book, magazines, periodicals films, video tapes, computer discs, or other matter that contains an image of child pornography that has been mailed, shipped, or transported in interstate or foreign commerce by any means, including computer, or that was produced using materials mailed, shipped, or transported in interstate or foreign commerce by any means, including computer.

### **III. DEFINITIONS**

7. The following terms are relevant to this Affidavit in support of this application for a search warrant:

- a. Child Erotica: The term "child erotica" means any material relating to minors that serves a sexual purpose for a given individual, including fantasy writings, letters, diaries, books, sexual aids, souvenirs, toys, costumes, drawings, and images or videos of minors that are not sexually explicit.
- b. Child Pornography: The term "child pornography" is defined at 18 U.S.C. § 2256(8). It consists of

visual depiction of sexually explicit conduct where (a) the production of the visual depiction involved the use of a minor engaged in sexually explicit conduct, (b) the visual depiction is a digital image, computer image, or computer-generated image that is, or is indistinguishable from, that of a minor engaged in sexually explicit conduct, or (c) the visual depiction has been created, adapted, or modified to appear that an identifiable minor is engaged in sexually explicit conduct), as well as any visual depiction, the production of which involves the use of a minor engaged in sexually explicit conduct. See 18 U.S.C. §§ 2252 and 2256(2), (8).

- c. Internet Protocol ("IP") Address: An "IP address" is a unique number used by a computer or other digital device to access the Internet. Every computer or device accessing the Internet must be assigned an IP address so that Internet traffic sent from and directed to that computer or device may be directed properly from its source to its destination. Most Internet Service Providers (ISPs) control a range of IP addresses. IP addresses can be "dynamic," meaning that the ISP assigns a

different unique number to a computer or device every time it accesses the Internet. IP addresses might also be "static," if an ISP assigns a user's computer a particular IP address that is used each time the computer accesses the Internet. ISPs typically maintain logs of the subscribers to whom IP addresses are assigned on particular dates and times.

- d. Minor: The term "minor" means any person under the age of eighteen years. See 18 U.S.C. § 2256(1).
- e. Sexually Explicit Conduct: The term "sexually explicit conduct" means actual or simulated (a) sexual intercourse, including genital-genital, oral-genital, or oral-anal, whether between persons of the same or opposite sex; (b) bestiality; (c) masturbation; (d) sadistic or masochistic abuse; or (e) lascivious exhibition of the genitals or pubic area of any persons. See 18 U.S.C. § 2256(2).
- f. Visual Depictions: "Visual depictions" include undeveloped film and videotape, and data stored on computer disk or by electronic means, which is capable of conversion into a visual image. See 18 U.S.C. § 2256(5).

**IV. CYBERTIPLINE REPORT AND PROBABLE CAUSE**

8. The National Center for Missing and Exploited Children ("NCMEC") is an organization that, among other things, tracks missing and exploited children and serves as a repository for information about child pornography.

9. Companies that suspect child pornography has been stored or transmitted on their systems can report that information to NCMEC in a CyberTip. To make such a report, a company providing services on the internet, known as an electronic service provider ("ESP"), can go to an online portal that NCMEC has set up for the submission of these tips. The ESP, in this case Microsoft, can then provide to NCMEC information about the child exploitation activity it believes has occurred, including the incident type, the incident time, any screen or usernames associated with the activity, any IP address or port numbers it captured, chat history records, as well as other information it may have collected in connection with the suspected criminal activity. Other than the incident type and incident time, the remainder of the information the ESP provides is voluntary and undertaken at the initiative of the reporting ESP. The ESP may also upload to NCMEC any files it collected in connection with the activity. The ESP may or may not independently view the content of the files it uploads.



10. NCMEC does not review the content of these uploaded files not previously viewed by the ESP. Using publicly available search tools, NCMEC attempts to locate where the activity occurred based on the information the ESP provides, such as IP addresses. NCMEC packages the information from the ESP along with any additional information it has, such as previous related CyberTips, and sends it to law enforcement in the jurisdiction where the activity is thought to have occurred.

11. On or about May 24, 2024, electronic service provider Microsoft submitted CyberTipline Report #194182286 to NCMEC. The incident type was identified as apparent child pornography, and the incident time was listed as: May 23, 2024, at 21:12:08 UTC.

12. Microsoft provided two files in connection with the report, alleged media files of "apparent child pornography," 01c6b19f-2109-4844-8dd0-2dacd07148f8.jpg and 40419756-71b8-4bd8-af40-6ec8e2102190.jpg, the content of which NCMEC did not review.

13. Microsoft reported the following files at issue were uploaded from IP address 75.109.88.75. Based on my training and experience, I know that the additional information the ESP provider gave relates to identifiers for the account involved in the incident triggering the CyberTip.

14. NCMEC then used publicly available search tools to discover that the IP address the ESP reported resolved to Optimum in the vicinity of St. Albans, West Virginia, in the Southern District of West Virginia. The CyberTip was then provided to law enforcement in this jurisdiction.

15. I know from my training and experience that hash values are widely used by most ESPs and others, including law enforcement, to identify files. A hash value is akin to a fingerprint for a file. A hash value is obtained by processing the contents of a file through a cryptographic algorithm, which produces a unique numerical value, the hash value, which identifies the unique contents of the file. If the contents of the file are modified in any way, the value of the hash will also change.

16. I know from my training and experience that many ESPs compare the hash values of files that its customers transmit on its systems against a database containing hash values of known child pornography material. If the ESP finds that a hash value on its system matches one in the database, the ESP captures the file along with information about the user who uploaded, posted, possessed, or otherwise transmitted the file on the ESP's systems. This information is then transmitted to NCMEC in the form of a Cybertip.

**V. INTERSTATE NEXUS**

17. I submit that the element of "in or affecting interstate or foreign commerce" is satisfied for a violation of 18 U.S.C. § 2252A, for the limited purpose of securing a search warrant, through use of the ESP servers and use of the Internet in connection with this offense.

**VI. CONCLUSION**

18. Based on the aforementioned factual information, your Affiant respectfully submits that there is probable cause to believe that inside the files that Microsoft uploaded in connection with the above Cybertip #194182286 (described in Attachment A), will be found evidence, fruits, and instrumentalities of a violations of 18 U.S.C. § 2252A(a)(1), transportation of child pornography; 18 U.S.C. § 2252A(a)(2), receipt and distribution of child pornography in interstate commerce by computer; and 18 U.S.C. § 2252A(a)(5)(B), possession of child pornography; (described in Attachment B) will be found.

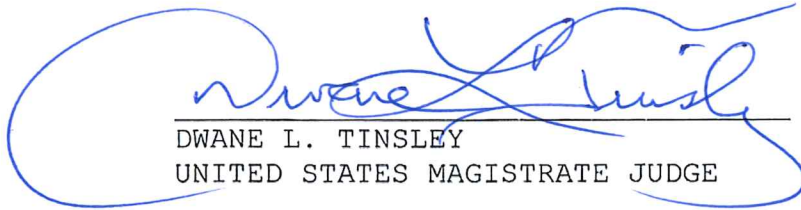
19. Your Affiant, therefore, respectfully requests that the attached warrant be issued authorizing the search and seizure of the items described in Attachment A, for the items listed in Attachment B.

I swear that this information is true and correct to the  
best of my knowledge.



SPECIAL AGENT TERRANCE L. TAYLOR  
DEPARTMENT OF HOMELAND SECURITY  
HOMELAND SECURITY INVESTIGATIONS

SUBSCRIBED and SWORN to before me by telephonic means  
this 4<sup>th</sup> day of June, 2024.



DWANE L. TINSLEY  
UNITED STATES MAGISTRATE JUDGE